Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM073123\
Data File : BM041199.D
Acq On : 31 Jul 2023 22:24
Operator : MA/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 01 00:55:46 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 31 16:29:28 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Reviewed By :Yogesh Patel
08/01/2023
Supervised By :mohammad ahmed
08/01/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.798	152	147130	20.000	ng	0.00
21) Naphthalene-d8	10.610	136	541075	20.000	ng	0.00
39) Acenaphthene-d10	14.468	164	297146	20.000	ng	0.00
64) Phenanthrene-d10	17.221	188	611321	20.000	ng	0.00
76) Chrysene-d12	21.421	240	583341	20.000	ng	0.00
86) Perylene-d12	23.791	264	659814	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	826211	83.929	ng	0.00
7) Phenol-d6	6.981	99	1071102	83.939	ng	0.00
23) Nitrobenzene-d5	8.981	82	998803	85.846	ng	0.00
42) 2,4,6-Tribromophenol	15.968	330	393606	93.649	ng	0.00
45) 2-Fluorobiphenyl	13.086	172	2061622	87.645	ng	0.00
79) Terphenyl-d14	19.862	244	2905020	90.041	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.263	88	162936	38.691	ng	97
3) Pyridine	3.669	79	459706	41.517	ng	97
4) n-Nitrosodimethylamine	3.587	42	193461	37.777	ng	90
6) Aniline	7.134	93	637215	42.670	ng	98
8) 2-Chlorophenol	7.363	128	415494	43.234	ng	99
9) Benzaldehyde	6.945	77	273260m	40.584	ng	
10) Phenol	7.010	94	523891	42.508	ng	99
11) bis(2-Chloroethyl)ether	7.234	93	421030	42.203	ng	98
12) 1,3-Dichlorobenzene	7.687	146	456887	43.675	ng	99
13) 1,4-Dichlorobenzene	7.834	146	461849	43.925	ng	99
14) 1,2-Dichlorobenzene	8.151	146	438903	43.535	ng	99
15) Benzyl Alcohol	8.057	79	359765	44.645	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.339	45	518120m	38.979	ng	
17) 2-Methylphenol	8.257	107	369927	43.934	ng	99
18) Hexachloroethane	8.869	117	156881	40.077	ng	94
19) n-Nitroso-di-n-propyla...	8.622	70	334832	43.201	ng	96
20) 3+4-Methylphenols	8.592	107	501924	44.583	ng	96
22) Acetophenone	8.639	105	622102	43.413	ng	99
24) Nitrobenzene	9.022	77	502749	42.729	ng	98
25) Isophorone	9.545	82	873658	44.235	ng	98
26) 2-Nitrophenol	9.728	139	213330	46.380	ng	96
27) 2,4-Dimethylphenol	9.792	122	359896	44.465	ng	99
28) bis(2-Chloroethoxy)met...	10.033	93	527707	42.655	ng	99
29) 2,4-Dichlorophenol	10.263	162	379833	46.535	ng	100
30) 1,2,4-Trichlorobenzene	10.469	180	413267	45.827	ng	99
31) Naphthalene	10.657	128	1259345	42.891	ng	100
32) Benzoic acid	9.957	122	285287	47.090	ng	98
33) 4-Chloroaniline	10.786	127	535425	45.630	ng	98
34) Hexachlorobutadiene	10.927	225	259982	47.934	ng	100
35) Caprolactam	11.604	113	108065	45.767	ng	90
36) 4-Chloro-3-methylphenol	11.916	107	382905	44.571	ng	99
37) 2-Methylnaphthalene	12.274	142	871720	44.037	ng	99
38) 1-Methylnaphthalene	12.498	142	812003	43.828	ng	100
40) 1,2,4,5-Tetrachloroben...	12.645	216	446845	46.312	ng	98
41) Hexachlorocyclopentadiene	12.610	237	74445	14.584	ng	97
43) 2,4,6-Trichlorophenol	12.898	196	296676	47.973	ng	99

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.969	196	346447	48.401 ng	98
46) 1,1'-Biphenyl	13.298	154	1052447	43.689 ng	98
47) 2-Chloronaphthalene	13.339	162	805833	44.801 ng	99
48) 2-Nitroaniline	13.563	65	266044	46.338 ng	96
49) Acenaphthylene	14.186	152	1290975	44.467 ng	100
50) Dimethylphthalate	13.933	163	994499	44.493 ng	100
51) 2,6-Dinitrotoluene	14.063	165	212939	45.978 ng	95
52) Acenaphthene	14.533	154	761169	43.521 ng	100
53) 3-Nitroaniline	14.392	138	238694	44.725 ng	94
54) 2,4-Dinitrophenol	14.610	184	24230	13.017 ng	94
55) Dibenzofuran	14.868	168	1248202	43.742 ng	99
56) 4-Nitrophenol	14.710	139	176692	45.777 ng	96
57) 2,4-Dinitrotoluene	14.857	165	281503	42.866 ng	93
58) Fluorene	15.521	166	981152	43.585 ng	100
59) 2,3,4,6-Tetrachlorophenol	15.098	232	273489	47.185 ng	97
60) Diethylphthalate	15.298	149	970883	44.916 ng	99
61) 4-Chlorophenyl-phenyle...	15.515	204	507789	45.015 ng	98
62) 4-Nitroaniline	15.562	138	220293	44.892 ng	97
63) Azobenzene	15.810	77	993961	41.980 ng	97
65) 4,6-Dinitro-2-methylph...	15.621	198	47609	12.856 ng	91
66) n-Nitrosodiphenylamine	15.739	169	818543	43.053 ng	99
67) 4-Bromophenyl-phenylether	16.415	248	304357	45.409 ng	99
68) Hexachlorobenzene	16.521	284	337110	45.231 ng	99
69) Atrazine	16.698	200	240962	48.260 ng	99
70) Pentachlorophenol	16.874	266	256953	49.788 ng	99
71) Phenanthrene	17.268	178	1460230	42.992 ng	100
72) Anthracene	17.356	178	1495461	44.518 ng	100
73) Carbazole	17.639	167	1359857	44.726 ng	99
74) Di-n-butylphthalate	18.198	149	1615537	47.022 ng	100
75) Fluoranthene	19.292	202	1750899	45.884 ng	99
77) Benzidine	19.492	184	563444	70.866 ng	100
78) Pyrene	19.656	202	1839091	45.083 ng	100
80) Butylbenzylphthalate	20.556	149	753877	50.605 ng	100
81) Benzo(a)anthracene	21.409	228	1791154	45.293 ng	99
82) 3,3'-Dichlorobenzidine	21.350	252	657452	50.949 ng	99
83) Chrysene	21.462	228	1694648	44.304 ng	99
84) Bis(2-ethylhexyl)phtha...	21.333	149	1085806	46.008 ng	97
85) Di-n-octyl phthalate	22.250	149	1840211	48.877 ng	97
87) Indeno(1,2,3-cd)pyrene	26.244	276	2098428	43.257 ng	97
88) Benzo(b)fluoranthene	23.074	252	1748240	44.601 ng	99
89) Benzo(k)fluoranthene	23.121	252	1723307	42.981 ng	99
90) Benzo(a)pyrene	23.691	252	1687956	44.818 ng	98
91) Dibenzo(a,h)anthracene	26.256	278	1770350	43.754 ng	97
92) Benzo(g,h,i)perylene	26.997	276	1686013	42.585 ng	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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